

V. Balasubramanian

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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the  
present  
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective  
August 1, 2003  
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NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE  
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL  
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right  
Truncation  
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR  
NEWS 10 SEP 22 DIPPR file reloaded  
NEWS 11 DEC 08 INPADOC: Legal Status data reloaded  
NEWS 12 SEP 29 DISSABS now available on STN  
NEWS 13 OCT 10 PCTFULL: Two new display fields added  
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
NEWS 16 NOV 24 MSDS-CCOHS file reloaded  
NEWS 17 DEC 08 CABA reloaded with left truncation  
NEWS 18 DEC 08 IMS file names changed  
NEWS 19 DEC 09 Experimental property data collected by CAS now available  
in REGISTRY  
NEWS 20 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPLUS  
  
NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003  
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FILE 'HOME' ENTERED AT 10:56:52 ON 10 DEC 2003

09817,374

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:57:01 ON 10 DEC 2003

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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 9 DEC 2003 HIGHEST RN 625365-36-8

DICTIONARY FILE UPDATES: 9 DEC 2003 HIGHEST RN 625365-36-8

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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Experimental and calculated property data are now available. For more  
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

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L1 STRUCTURE UPLOADED

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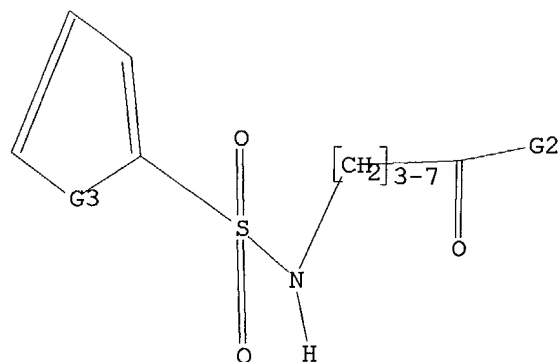
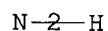
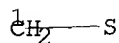
L2 QUE L1

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L1 HAS NO ANSWERS

L1 STR

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G1

G2 [01], [02]

G3 O,S

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 10:57:29 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 11 TO ITERATE

100.0% PROCESSED 11 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 22 TO 418

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s l1 sss ful

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100.0% PROCESSED 283 ITERATIONS

8 ANSWERS

SEARCH TIME: 00.00.01

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=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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148.36

FILE 'CAPLUS' ENTERED AT 10:57:45 ON 10 DEC 2003

09817,374

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FILE COVERS 1907 - 10 Dec 2003 VOL 139 ISS 24  
FILE LAST UPDATED: 9 Dec 2003 (20031209/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L5                    7 L4

=> d 1-7 ibib hitstr

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L5 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:887694 CAPLUS

DOCUMENT NUMBER: 139:358745

TITLE: Polyamine analogues as therapeutic and diagnostic agents

INVENTOR(S): Vermeulin, Nicolaas M. J.; O'Day, Christine L.; Webb, Heather K.; Burns, Mark R.; Bergstrom, Donald E.

PATENT ASSIGNEE(S): USA

SOURCE: U.S., 78 pp., Cont.-in-part of U.S. Ser. No. 396,523.  
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6646149	B1	20031111	US 2000-584175	20000531
WO 9903823	A2	19990128	WO 1998-US14896	19980715
WO 9903823	A3	19990408		
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RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6172261	B1	20010109	US 1999-341400	19990903
WO 2001092218	A2	20011206	WO 2001-US17795	20010531
WO 2001092218	A3	20030327		
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			US 1999-396523	A2 19990915
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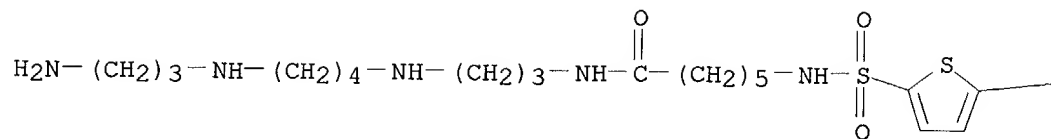
IT 220221-41-0 220221-56-7 287968-56-3

RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(novel polyamine transport-inhibiting polyamine analogs as therapeutic and diagnostic agents)

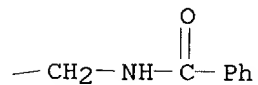
RN 220221-41-0 CAPLUS

CN Benzamide, N-[[[5-[[[6-[[[3-[[[4-[(3-aminopropyl)amino]butyl]amino]propyl]amino]-6-oxohexyl]amino]sulfonyl]-2-thienyl]methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



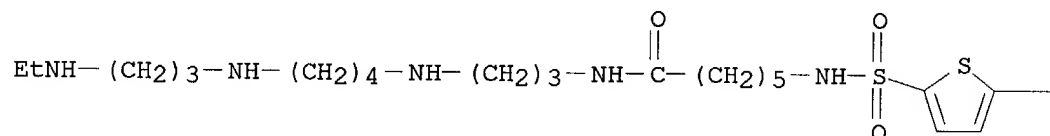
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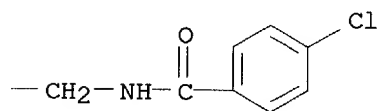
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CN Benzamide, 4-chloro-N-[[5-[[[6-oxo-7,11,16,20-tetraazadocos-1-yl]amino]sulfonyl]-2-thienyl]methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



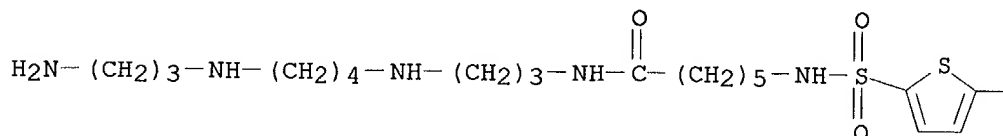
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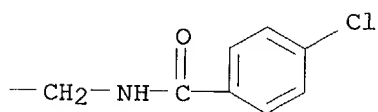


RN 287968-56-3 CAPLUS

CN Benzamide, N-[[5-[[[6-[[3-[[4-[(3-aminopropyl)amino]butyl]amino]propyl]amino]-6-oxohexyl]amino]sulfonyl]-2-thienyl]methyl]-4-chloro- (9CI) (CA INDEX NAME)

PAGE 1-A





V. Balasubramanian

L5 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:275953 CAPLUS

DOCUMENT NUMBER: 136:309851

TITLE: Preparation of diphenylamines and N-nitrosodiphenylamines for treatment of oxidative stress and unavailability of endothelial nitric oxide.

INVENTOR(S): Lardy, Claude; Nioche, Jean-Yves; Caputo, Lidia; Decerprit, Jacques; Ortholand, Jean-Yves; Festal, Didier; Guerrier, Daniel

PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany

SOURCE: PCT Int. Appl., 142 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002028820	A1	20020411	WO 2001-EP10761	20010918
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
FR 2815030	A1	20020412	FR 2000-12749	20001005
AU 2001089891	A5	20020415	AU 2001-89891	20010918
BR 2001014252	A	20030701	BR 2001-14252	20010918
EP 1322598	A1	20030702	EP 2001-969732	20010918
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
NO 2003001533	A	20030404	NO 2003-1533	20030404
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OTHER SOURCE(S): MARPAT 136:309851

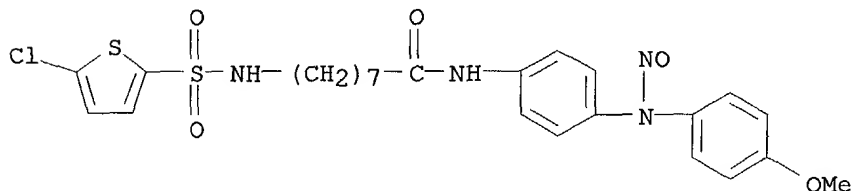
IT 409354-91-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of diphenylamines and N-nitrosodiphenylamines for treatment of oxidative stress and unavailability of endothelial nitric oxide)

RN 409354-91-2 CAPLUS

CN Octanamide, 8-[[5-chloro-2-thienyl)sulfonyl]amino]-N-[4-[(4-methoxyphenyl)nitrosoamino]phenyl]- (9CI) (CA INDEX NAME)



09817,374



V. Balasubramanian

REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

09817,374

V. Balasubramanian

L5 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:886056 CAPLUS

DOCUMENT NUMBER: 136:15226

TITLE: Novel polyamine transport-inhibiting polyamine analogues as therapeutic and diagnostic agents

INVENTOR(S): Vermeulin, Nicolaas M. J.; O'day, Christine L.; Webb, Heather K.; Burns, Mark R.; Bergstrom, Donald E.

PATENT ASSIGNEE(S): Oridigm Corporation, USA

SOURCE: PCT Int. Appl., 102 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092218	A2	20011206	WO 2001-US17795	20010531
WO 2001092218	A3	20030327		
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
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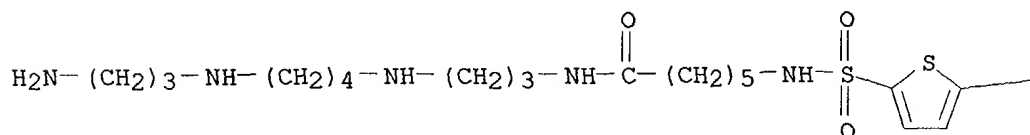
IT 220221-41-0 220221-56-7 287968-56-3

RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(novel polyamine transport-inhibiting polyamine analogs as therapeutic and diagnostic agents)

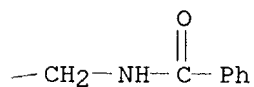
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CN Benzamide, N-[[5-[[[6-[[3-[[4-[(3-aminopropyl)amino]butyl]amino]propyl]amino]-6-oxohexyl]amino]sulfonyl]-2-thienyl]methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



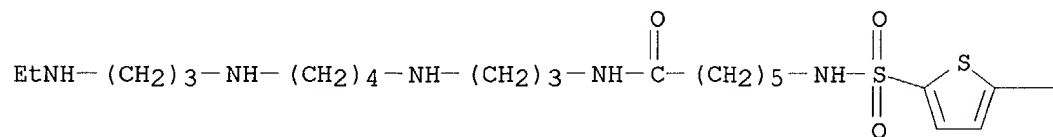
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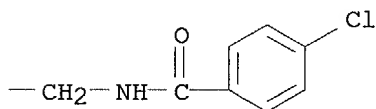
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CN Benzamide, 4-chloro-N-[[5-[[[(6-oxo-7,11,16,20-tetraazadocos-1-yl)amino]sulfonyl]-2-thienyl]methyl]- (9CI) (CA INDEX NAME)

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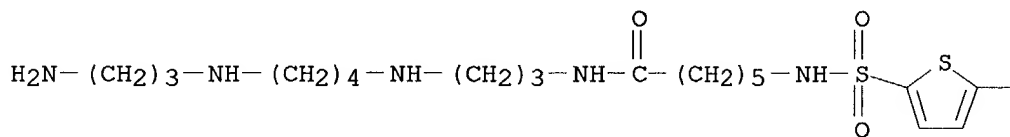
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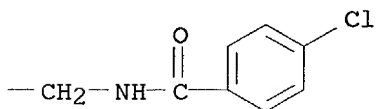
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CN Benzamide, N-[[5-[[[6-[[3-[[4-[(3-aminopropyl)amino]butyl]amino]propyl]amino]-6-oxohexyl]amino]sulfonyl]-2-thienyl]methyl]-4-chloro- (9CI) (CA INDEX NAME)

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PAGE 1-B



V. Balasubramanian

L5 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:730681 CAPLUS  
DOCUMENT NUMBER: 135:272682  
TITLE: Polyamine analogues as cytotoxic agents  
INVENTOR(S): Burns, Mark R.  
PATENT ASSIGNEE(S): Oridigm Corporation, USA  
SOURCE: PCT Int. Appl., 57 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001072685	A2	20011004	WO 2001-US40360	20010323
WO 2001072685	A3	20020718		
WO 2001072685	C2	20021010		
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OTHER SOURCE(S): MARPAT 135:272682

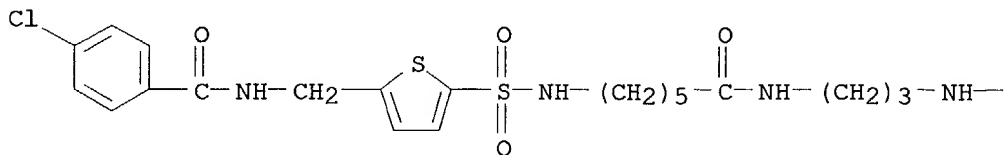
IT **330163-38-7P 330163-49-0P 330163-51-4P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of polyamine analogs as cytotoxic agents)

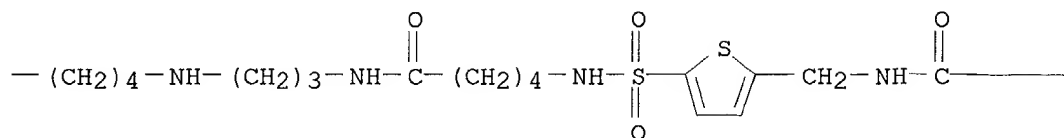
RN 330163-38-7 CAPLUS

CN Benzamide, N,N'-[(6,21-dioxo-7,11,16,20-tetraaza-1,25-pentacosanediyl)bis(iminosulfonyl-5,2-thiophenediylmethylene)]bis[4-chloro-(9CI) (CA INDEX NAME)]

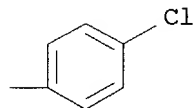
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PAGE 1-B



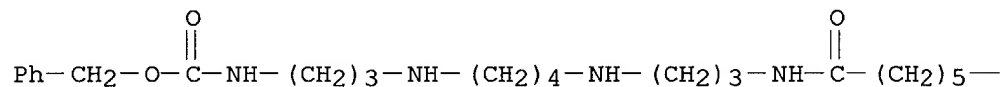
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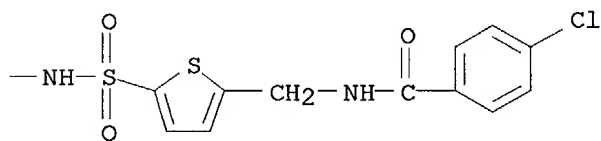
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CN 2,6,11,15-Tetraazaheneicosanoic acid, 21-[[[5-[[[4-chlorobenzoyl)amino]methyl]-2-thienyl]sulfonyl]amino]-16-oxo-, phenylmethyl ester (9CI) (CA INDEX NAME)

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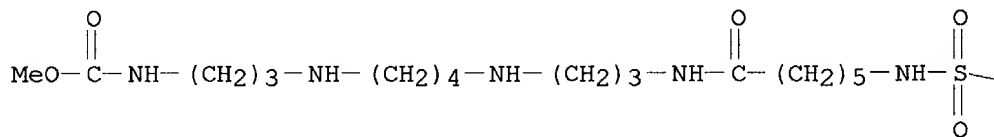
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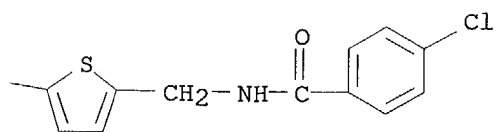


RN 330163-51-4 CAPLUS

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PAGE 1-A





V. Balasubramanian

L5 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:207925 CAPLUS

DOCUMENT NUMBER: 134:237682

TITLE: Novel polyamine analogues as therapeutic and diagnostic agents

INVENTOR(S): Vermeulin, Nicholaas M. J.; O'Day, Christine L.; Webb, Heather K.; Burns, Mark R.; Bergstrom, Donald E.

PATENT ASSIGNEE(S): Oridigm Corporation, USA

SOURCE: Eur. Pat. Appl., 140 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

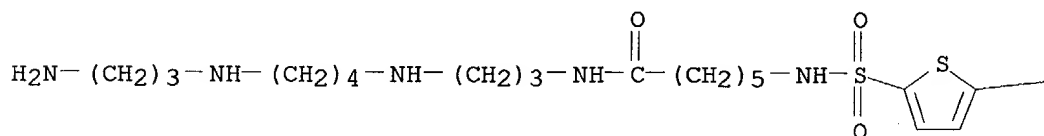
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JP 2001172244	A2	20010626	JP 2000-282752	20000918
PRIORITY APPLN. INFO.:		US 1999-396523	A	19990915

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RL: ADV (Adverse effect, including toxicity); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of polyamines as therapeutic and diagnostic agents)

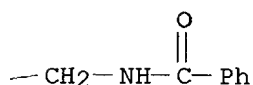
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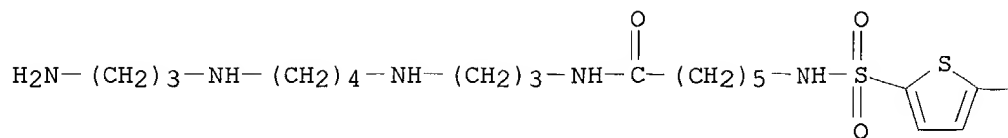


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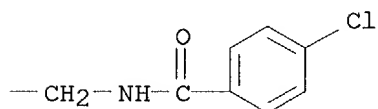
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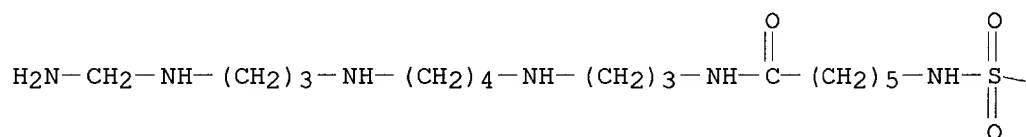
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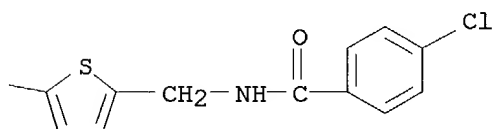
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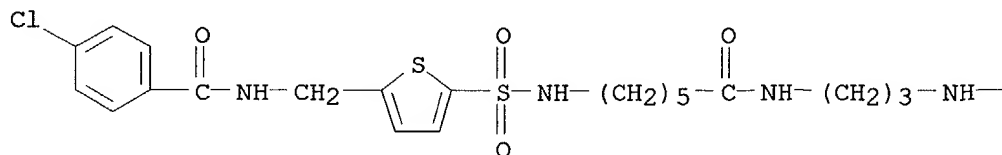
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RN 330163-38-7 CAPLUS

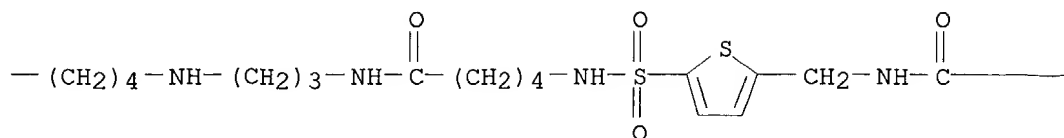
CN Benzamide, N,N'-[(6,21-dioxo-7,11,16,20-tetraaza-1,25-pentacosanediyl)bis(iminosulfonyl-5,2-thiophenediylmethylene)]bis[4-chloro- (9CI) (CA INDEX NAME)

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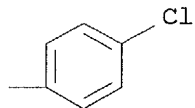




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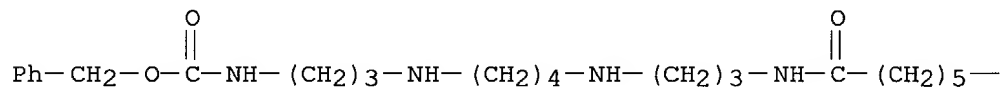
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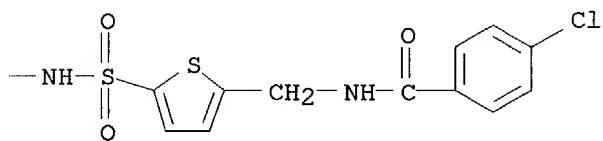
RN 330163-49-0 CAPLUS

CN 2,6,11,15-Tetraazaheneicosanoic acid, 21-[[[5-[[[4-chlorobenzoyl]amino]methyl]-2-thienyl]sulfonyl]amino]-16-oxo-, phenylmethyl ester (9CI) (CA INDEX NAME)

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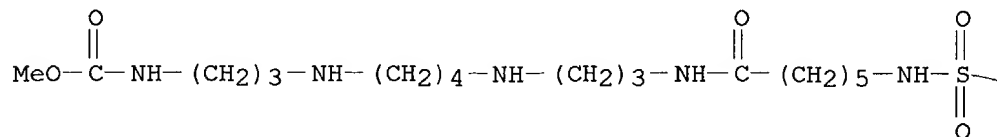
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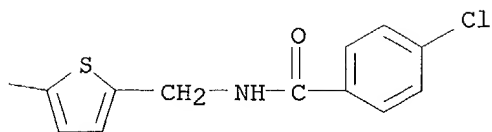
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CN 2,6,11,15-Tetraazaheneicosanoic acid, 21-[[[5-[[[4-chlorobenzoyl]amino]methyl]-2-thienyl]sulfonyl]amino]-16-oxo-, methyl ester (9CI) (CA INDEX NAME)

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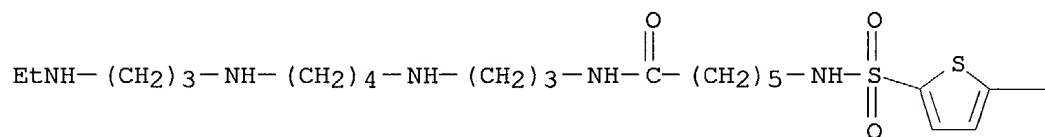
IT **220221-56-7P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of polyamines as therapeutic and diagnostic agents)

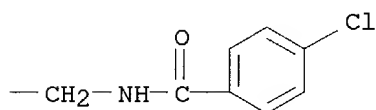
RN 220221-56-7 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[[6-oxo-7,11,16,20-tetraazadocos-1-yl)amino]sulfonyl]-2-thienyl)methyl]- (9CI) (CA INDEX NAME)

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REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

V. Balasubramanian

L5 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2000:553544 CAPLUS

DOCUMENT NUMBER: 133:164201

TITLE: Preparation of agmatine and polyamine analogs as antizyme modulators for use as drugs and agricultural agents

INVENTOR(S): Vermeulin, Nicolaas M. J.; Burns, Mark R.; Webb, Heather K.

PATENT ASSIGNEE(S): Oridigm Corporation, USA

SOURCE: PCT Int. Appl., 80 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000046187	A2	20000810	WO 2000-US2972	20000204
WO 2000046187	A3	20001214		
W:	AL, AM, AU, AZ, BA, BB, BG, BR, CA, CN, CU, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1159261	A2	20011205	EP 2000-913365	20000204
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
JP 2002536357	T2	20021029	JP 2000-597259	20000204
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IT 287968-56-3P

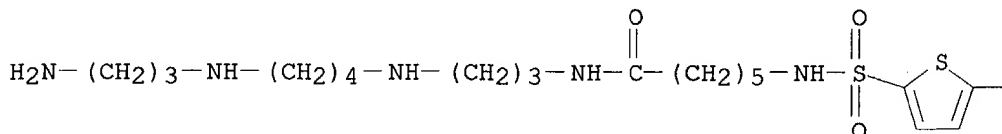
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

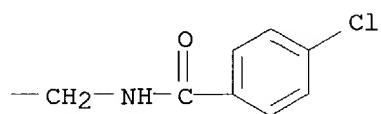
(prepn. of agmatine and polyamine analogs as antizyme modulators for use as drugs and agricultural agents)

RN 287968-56-3 CAPLUS

CN Benzamide, N-[[5-[[[6-[[3-[[4-[(3-aminopropyl)amino]butyl]amino]propyl]amino]-6-oxohexyl]amino]sulfonyl]-2-thienyl]methyl]-4-chloro- (9CI) (CA INDEX NAME)

PAGE 1-A





V. Balasubramanian

L5 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1999:77533 CAPLUS

DOCUMENT NUMBER: 130:153469

TITLE: Novel polyamine analogs as therapeutic and diagnostic agents

INVENTOR(S): Vermeulin, Nicolaas M. J.; O'Day, Christine L.; Webb, Heather K.; Burns, Mark R.; Bergstrom, Donald E.

PATENT ASSIGNEE(S): Oridigm Corporation, USA

SOURCE: PCT Int. Appl., 143 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9903823	A2	19990128	WO 1998-US14896	19980715
WO 9903823	A3	19990408		
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RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
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			US 1997-65728P	P 19971114
			US 1998-85538P	P 19980515
			WO 1998-US14896	W 19980715
			US 1999-341400	A2 19990903
			US 1999-396523	A2 19990915

OTHER SOURCE(S): MARPAT 130:153469

IT **220221-41-0P 220221-56-7P**

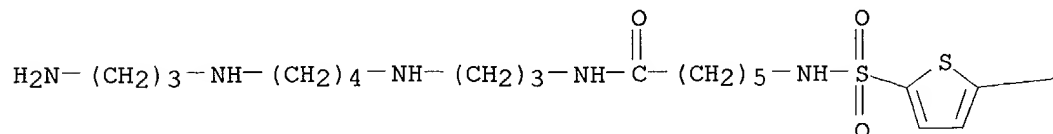
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(prepn. of polyamines as therapeutic and diagnostic agents)

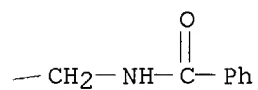
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CN Benzamide, N-[[[5-[[[6-[[3-[[4-[(3-aminopropyl)amino]butyl]amino]propyl]amino]-6-oxohexyl]amino]sulfonyl]-2-thienyl]methyl]- (9CI) (CA INDEX NAME)

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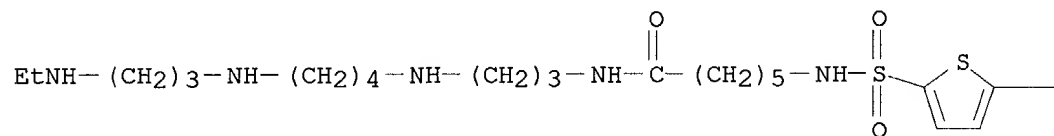
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RN 220221-56-7 CAPLUS

CN Benzamide, 4-chloro-N-[[5-[[ (6-oxo-7,11,16,20-tetraazadocos-1-yl) amino]sulfonyl]-2-thienyl]methyl]- (9CI) (CA INDEX NAME)

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